

Title (en)

Condenser with disconnectable receiver for cooling circuit, particularly of a motor vehicle

Title (de)

Verflüssiger mit lösbarem Sammler für Kühlkreislauf, insbesondere von einem Kraftfahrzeug

Title (fr)

Condenseur à réservoir amovible pour circuit de réfrigération, en particulier de véhicule automobile

Publication

EP 0838642 B1 20021002 (FR)

Application

EP 97118241 A 19971021

Priority

FR 9612913 A 19961023

Abstract (en)

[origin: EP0838642A1] The condenser is traversed by a refrigerant fluid and has a fluid reservoir (28) in the form of a removable cartridge which connects to a collecting chamber (16). The removable cartridge has a coupling (38) which co-operates with a holder (30) of conjugate shape which is fixed to the collecting chamber through an inlet tube (34) and an outlet tube (36) through which the refrigerant fluid flows. The coupling has a hollow axial end (66) which fits onto the axial housing (62) on the holder. The cartridge may alternately contain a dessicant fluid.

IPC 1-7

F25B 39/04; **F25B 43/00**

IPC 8 full level

F25B 39/04 (2006.01); **F25B 43/00** (2006.01); **F25B 40/02** (2006.01)

CPC (source: EP US)

F25B 39/04 (2013.01 - EP US); **F25B 43/003** (2013.01 - EP US); **F25B 40/02** (2013.01 - EP US); **F25B 2339/0446** (2013.01 - EP US); **F25B 2500/01** (2013.01 - EP US)

Cited by

EP1744112A2; DE102010001543A1; EP1130346A4; DE10104375A1; EP1048909A3; EP0915308A1; FR2770629A1; US6038884A; DE102005033168A1; DE102005033168B4; EP0974793A3; US6209349B1; WO9954672A1

Designated contracting state (EPC)

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EP 0838642 A1 19980429; **EP 0838642 B1 20021002**; DE 69716008 D1 20021107; DE 69716008 T2 20030605; FR 2754887 A1 19980424; FR 2754887 B1 19981231; US 5974828 A 19991102

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